

**Amendments to the Claims**

1. (currently amended) A method for converting a public switched telephone network call to a data network call, the method comprising:
  - a) — receiving the public switched telephone network call from an origination phone at a destination phone;
  - b) — identifying a caller identifier for the public switched telephone network call at the destination phone;
  - c) — rejecting the public switched transmission call prior to the public switched transmission call being completed;
  - d) — placing a call to a network service provider from the destination phone;
  - e) — determining a network address for the origination phone; and
  - f) — completing a network call with the origination phone.
2. (original) The method of claim 1 wherein the destination phone is a personalized computer.
3. (original) The method of claim 1 wherein the destination phone is a customized telephone.
4. (original) The method of claim 1 wherein the call to the network service provider is made via PSTN.
5. (original) The method of claim 1 wherein the call to the network service provider is made via a local area network.
6. (currently amended) A method for converting a public switched telephone network call to a data network call, the method comprising:
  - a) — placing a public switched telephone network call from an origination phone to a destination phone;

b) — detecting a rejected call from the destination phone at the origination phone  
prior to call completion;

- e) — placing a call to a network service provider from the destination phone;
- d) — determining a network address for the destination phone; and
- e) — completing a network call with the destination phone.

7. (original) The method of claim 6 wherein the origination phone is a personal computer.

8. (original) The method of claim 6 wherein the origination phone is a customized telephone.

9. (original) The method of claim 6 wherein the call to the network service provider is made via PSTN.

10. (original) The method of claim 6 wherein the call to the network service provider is made via a local area network.

11. (currently amended) A network phone, comprising:

- a) — a phone connector operable to connect to a public switched telephone network;
- b) — a transmitter operable to transmit signals corresponding to a phone number for a call destination and a call identifier;
- c) — a detector operable to receive an incoming call from another station and detect supplementary signals associated with that call;
- d) — a processor operable to
  - i) — place a public switched telephone network call to a service provider in response to the supplementary signals;
  - ii) — detect a network address for the other station; and

iii) — complete a network call between the network phone and the other station.

12. (original) The network phone of claim 11, wherein the network phone is a personal computer.

13. (original) The network phone of claim 11, wherein the network phone is a customized telephone.

14. (currently amended) A computer-readable medium containing software code that, when executed, results in:

a) — receiving a public switched telephone network call from an origination phone at a destination phone;

b) — identifying a caller identifier for the public switched telephone network call at the destination phone;

c) — rejecting the public switched transmission call prior to call completion;

d) — placing a call to a network service provider from the destination phone;

e) — determining a network address for the origination phone; and

f) — completing a network call with the origination phone.

15. (currently amended) The computer-readable medium of claim 14 wherein the software code is executed by a personal computer equipped to place public switched telephone network calls.

16. (original) The computer-readable medium of claim 14 wherein the software code is executed by a customized telephone.

17. (currently amended) A computer-readable medium containing software code that, when executed, results in:

a) — placing a public switched telephone network call from an origination phone to a destination phone;

b) — detecting a rejected call from the destination phone at the origination phone prior to call completion;

- c) — placing a call to a network service provider from the origination phone;
- d) — determining a network address for the destination phone; and
- e) — completing a network call with the destination phone.

18. (currently amended) The computer-readable medium of claim 17 wherein the software code is executed by a personal computer equipped to place public switched telephone network calls.

19. (original) The computer-readable medium of claim 17 wherein the software code is executed by a customized telephone.

20. (currently amended) A network phone, comprising:

- a) — a means for connecting to a public switched telephone network;
- b) — a means for transmitting signals corresponding to a phone number for a call destination and a call identifier;
- c) — a means for receiving an incoming call from another station and detect supplementary signals associated with that call;
- d) — a means for placing a public switched telephone network call to a service provider in response to the supplementary signals;
- e) — a means for detecting a network address for the other station; and
- f) — a means for completing a network call between the network phone and the other station.